

## Syllabus for Math 2254H sec. 15H Spring 2015

**Instructor:** L. R. Ritter

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**Office Hours:** M: 12–12:45pm & 2pm–3pm; T: 12–12:45pm; R: 12–12:45pm & 2pm–3pm; F: 8–8:45am, & by appointment

**Course Home Page** [http://educate.spsu.edu/lritter/Ritter2254H\\_15H\\_Sp15.htm](http://educate.spsu.edu/lritter/Ritter2254H_15H_Sp15.htm)

**Course Description** This is an honors four hour second course in Calculus. Topics to be covered will include, differentiation and integration of transcendental functions, integration techniques, indeterminate forms, L'Hopital's Rule, improper integrals, polar coordinates, parametric equations, infinite sequences and series, and Taylor and Maclaurin series. We will meet for lecture four times weekly: MTRF from 11:00am–11:50am in C 121. Students are expected to attend all lectures and to keep up with course assignments (see attendance policy below). Homework and course documents can be found on the course web-page shown above. You should save this page to your favorites and plan to visit it frequently. Learning Outcomes for this course can be found at <http://www.spsu.edu/math/outcomes.htm>.

**Prerequisites:** Math 2253 (Calculus I) and placement by the Honors Program

**Course Texts:** *Calculus 7E* by James Stewart ISBN 9780538497817.

**Grading and Evaluation:** Your course grade will be the weighted average of your score on 4 midterm exams, one comprehensive final exam, a quiz average, and a semester project. **All exams are mandatory.** The grades will be weighted as follows:

Table 1: Grade Weights

Exam I (F 1/30)	Exam II (F 2/20)	Exam III (F 3/27)	Exam IV (F 4/17)	Quiz (Weekly)	Project (11/10-14)	Final (TBA)
15%	15%	15%	15%	10%	10%	20%

A = 90%–100%, B = 80%–89%, C = 70%–79%, D = 60%–69%, F = 0%–59%

**Quiz:** Two types of quizzes will be given throughout the semester. These are (1) short in class quizzes taken independently, and (2) group quizzes that may be in class, or may be done outside of class and presented to the class the following class day. Suggested homework (from Stewart) will be posted on the course page [http://educate.spsu.edu/lritter/Ritter2254H\\_15H\\_Sp15.htm](http://educate.spsu.edu/lritter/Ritter2254H_15H_Sp15.htm), to help you prepare for quizzes as well as exams. The two lowest quiz grades will be dropped. The remaining will be averaged to give your quiz grade for the term.

**Group Project:** In early March, I will assign groups of (most likely) three students a project relevant to course concepts. Each group will be responsible for producing a written technical report on their project as well as giving an in class presentation on the project. The written report will be due Tuesday March 31. The dates for the presentations will be determined (during the week of April 6). The project will receive a group grade. However, each student will be given the opportunity to comment confidentially on the contributions of his/her group members. Such information may impact individual assigned grades.

**Make-up Policy:** Make-up exams will only be allowed for a university approved excuse in writing. Wherever possible, you should inform me prior to missing an exam. **Late quizzes will not be accepted under any circumstances. The two lowest quiz grades are dropped. A late written report for the project will not be accepted.**

**Scholastic Dishonesty:** Copying work done by others, either in-class or out of class, is an act of scholastic dishonesty and will be prosecuted to the full extent allowed by University policy. Collaboration on assignments, either in-class or out-of-class, is forbidden unless permission to do so is granted by your instructor. For more information on university policies regarding scholastic dishonesty visit the Disruptive Behavior/Academic Dishonesty section of the catalog. The University Honor Code can be viewed here.

**Students with Disabilities:** Students with disabilities who believe they may need accommodations in this class are encouraged to contact the counselor working with disabilities at as soon as possible to better assure that such accommodations are implemented in a timely fashion. Assistance is through disability services at the ATTIC office (678) 915-7244. The URL is <http://www.spsu.edu/ATTIC/>

**Cell Phone, Tablet, Laptop Policy:** All cell phones should remain off or silent during class. Laptops and tablets should be put away for the duration of class time. Exceptions may be considered. **At no time will still or video photography be allowed during class.**

**Attendance Policy:** Attendance will be recorded for each class session. Four (4) unexcused absences will be allowed over the course of the semester. Upon a fifth unexcused absence, your final grade for the semester will be dropped by one letter (for example, a "B" will be changed to a "C") regardless of numerical grades. I reserve the right to fail (give a letter grade of "F") to any student with eight (8) or more unexcused absence. Absences will be defined as *excused* as follows

**Definition:** An absence will be considered excused provided I am informed in advance and explicitly state my approval of the reason for the absence. Or (in emergency situations) there is sufficient evidence that a good faith, timely effort has been made to contact me regarding the necessity of an absence, and the reason for the absence is compelling. Compelling reasons include, but are not limited to, sudden illness of the student or the student's dependent or family member, a transportation related emergency, or unanticipated detainment by police or other authorities.

**Important Dates:**

Jan. 5, First Day of Classes	Jan. 19, MLK Jr. Day
Jan. 30, Exam 1	Feb. 20, Exam 2
Feb. 25, Last Day to Drop with a W	Mar. 2–6, Spring Break
Mar. 27, Exam 3	Mar. 31, Paper due
Apr. 6-10, Presentations	Apr. 17, Exam 4
Apr. 27, Last Day of Class	Apr. 29–May 5, Final Exams